

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(52524F) Hex(6B6B6A) Hex(524F4F) Hex(363635) Hex(B5B5B5) Hex(363636)

Hex(52524F)		Ratio: 1.47 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.54 Failed ⁵
Hex(6B6B6A)	Ratio: 1.47 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(524F4F)	Ratio: 1.03 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(363635)	Ratio: 1.54 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(B5B5B5)	Ratio: 3.82 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.90 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.54 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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